

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of
JOHN J. KEATING III, et al.

Group Art Unit: 2482

Serial No.: 10/585,157

Examiner: Richard T. Torrente

Confirmation No.: 8332

I hereby certify that this correspondence and/or fee is being
filed electronically with the United States Patent and
Trademark Office on March 2, 2011
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Guam. Laposa 3/2/2011
Signature Date

For: THREE-DIMENSIONAL IMAGING
SYSTEM

X

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE

Sir:

This is in response to the Office Action mailed on February 2, 2011, the time period for responding to which is set to expire on March 2, 2011. In the Office Action the Examiner requested an election under 35 U.S.C. §121 and §372 between the following groups of inventions:

- Group I: Claims 1-4, drawn to scanning device, 3D calibration equipment with optical pulses and non-linear optics;
- Group II: Claims 5-9, 11-28, 45, 117-128, 135-139, 156 and 157, drawn to a 3D display, optical mixer, voxel, first-order non-linear interaction, and EM waves;
- Group III: Claims 38, 39, 42, 44, 98-102, drawn to pulsed optical source, illuminating wavelength, gating optical, gating wavelength, time delay, mixer, and pixels;
- Group IV: Claims 46-58 and 140, drawn to a calibrating 3D imaging system, virtual calibration pattern, reference positions, calibration corrections, spatial locations and orientations, and adjusting images;
- Group V: Claims 59-61, drawn to calibrating optical recorder, calibration pattern, calibration wavelength, tangent plane, intersection points and laser light beam;